Sheet 1 of 11 FORM PTO-1449 (Modified) INFORMATION DISCLOSS RESTATEMENT BY APPLICANT

U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No.: NICHIA-00800 Serial No.:09 500288 Applicant: Shuji Nakamura, et al.

Filing Date: February 8, 2000

Group Art Unit:

(37 CFR \$ 1	.98(b))				Filing	Date: February 8, 2000	Group Art U	nit:
					U.S. PATENT DOCUMENT	TS .		
Examiner Initials		Serial Patent Number		Issue Date	Applicant Patentee	Class	Subclass	Filing Date
NEL	AA	3566215	V	2-23-71	Heywang	317	235	7/31 68
i	AB	3593191	,	7 13 71	Henker	331	94.5	9 24 69
	AC	3655439	v	4 11 72	Seiter	117	212	6 16 69
	AD	3658585	✓	4 25/72	Folkmann, et al.	117	201	2/26/70
	AE	3704427	v	11 28 72	Heywang	331	94.5	6/3.64
	AF	3705567	\checkmark	12 12 72	Emels	118	49	1/22/71
	AG	3737737	V	6 5/73	Heywang, et al.	317	234.R	10/6/71
	AH	3747559	v	7-24-73	Dietze	118	48	5/15/72
	AI	3793984	V	2.26.74	Kasper, et al.	118	48	11/13/72
	AJ	3819974	/	6/25/74	Stevenson, et al.	313	499	3/12/73
	AK	3853974	√	12/10/74	Reuschel, et al.	264	81	2/21/73
	AL	3941647	·	3./2./76	Druminski	156	612	3.8/73
	AM	3948693	V	4.6.76	Weyrich, et al.	148	171	7/23/74
	AN	3963537	V	6:15/76	Kniepkamp, et al.	148	175	8/27/74
	AO	3965347	✓	6/22/76	Heywang	250	211.J	11/12/74
	AP	3974561	V	8/17/76	Schnoeller	29	611	5/30/74
	AQ	4020791	✓	5′3/77	Reuschel, et al.	118	49.1	11/19/74
	AR	4062035	/	12/6/77	Winstel	357	17	1/28/77
	AS	4098223	V	7/4/78	Ertl, et al.	118	48	11/4/76
	AT	4102298	\checkmark	7 25 78	Dietze, et al.	118	5	6/10/76
	AU	4108539	/	8/22/78	Gort, et al.	350	201	11/18/76
	AV	4113381	V	9/12/78	Epstein	356	5	11/18/76
	AW	4133702	V	1 9 79	Krimmel	148	1.5	8/11/77
	AX	4140546	/	2 20 79	Krimmel	148	1.5	8:17:77
	AY	4154625	/	5/15/79	Golovchenko et al.	148	1.5	11/16/77
	AZ	4170018	V	10/2/79	Runge	357	17	3/30/78
	BA	4261770	/	4 14 81	Splittgerber, et al.	148	171	3:13:80
	ВВ	4351695	/	9 28 82	Hieber, et al.	156	603	1 2 81
	ВС	4404265	V	9 13 83	Manasevit	428	689	4/7/78
	B.C.	4410993	1	10 18 83	Zschauer	372	44	4 17 81
	BE	4423349	/	12 27 83	Nakajima, et al	313	487	7 1 81
	PF	4505765	√	3 19 85	Trommer	148	171	6 17 83
V	EG	4521448	/	6 4 85	Sasaki	427	88	3 3 83

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Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of	11	6.	- Ku						
FORM PTO		May 2 2	, 5000 JC39	U.S. Depai	rtment of Commerce	Attorney Docket No.: N	achia-00800	Serial No.:09	9 500288
Modified)		E.	2000 8		d Trademark Office	Applicant, Shuji Nakam	ura, et al	-	
IN	FORMAT	TOXOSCLOS	URESTAT	TEMENT BY A	APPLICANT		,		
3" CFR \$ 1	.98(b))	MAR	IK S			Filing Date: February 8	, 2000	Group Art U	nit:
id Th	вн	4531142	/	7 23 85	Weyrich, et al.		357	17	2 16 83
1	ВІ	4568206	1/	2 4 86	Imazaike		384	530	12/3/84
	3.7	4596998	1	6 24 86	Krimmel		357	17	7 19 84
	BK	4599244	/	7 8 86	Falckenberg, et al.		427	74	9 12/84
	3L	4599245	V	7 8 86	Falckenberg, et al.		427	74	9 11 84
	BM	4604637	V	8 5 86	Ruhle, et al.		357	17	3 1/83
	BN	4615766		10 7 86	Jackson, et al.		156	662	2:27:85
	BC	4656636	иX	4.7.87	Amann, et al.		372	50	12-23-85
	BP	4661175	./	4.28.87	Kuphal, et al.		148	171	6/6/85
	BQ	4670093	V	6/2/87	Maerz, et al.		156	649	4/21/86
	BR	4682337	1	7/21/87	Amann		372	44	9/13/85
	BS	4683574		7/28/87	Heinen		372	44	9/12/85
	вт	4722088	1/	1/26/88	Wolf		372	44	9/6/85
	BU	4740259		4/26/88	Heinen		156	234	9/15/86
	BV	4742525	1	5/3/88	Heinen, et al.		372	44	9/6/85
1	BW	4744088	/	5/10/88	Heinen, et al.		372	50	3/13/87
Ti Ti	BX	4746195	/	5/24/88	Auracher, et al.		350	320	3/13/85
	BY	4763979	/	8/16/88	Heywang		350	96.20	9/23/86
	BZ	4768199	V	8/30/88	Heinen, et al.		372	36	9/5/86
	CA	4792200	/	12/20/88	Amann, et al.		350	96.12	4/1/87
1	СВ	4792959	/	12/20/88	Mueller, et al.		372	46	1/30/87
	cc	4818722	V	4/4/89	Heinen		437	129	5/26/87
	CD	4829188		5:9/89	Shinomiya, et al.		250	483.1	10/1/87
	CE	4835575	1/	5/30/89	Plihal		357	30	2/3/88
	CF	4841344	V	6/20/89	Heinen		357	17	12/7/87
	cg	4845723	/	7/4/89	Heinen, et al.		372	38	2/22/88
	СН	4855118		8 8 89	Ichinose, et al.		423	301	4/12/88
1	CI	4859903	7	8/22/89	Minematu, et al.		313	487	3/2/88
	CJ	4864369	1	9/5/89	Snyder, et al.		357	17	7/5/88
	CK	4869568	X	9:26:89	Schimpe	11.00	350	96.12	9/29/88
1	CL	4890033		12 26 89	Ichinomiya, et al.		313	487	6-28-88
1	CM	4904617	/	2 27 90	Muschke		437	129	8 25 88
	-331	4904618	V.	2 27 90	Neumark		437	150	8 22 88
	70	4907044		3 6 90	Schellhom, et al		357	17	7 14 89
1	OP .	4907534	V	3 13 90	Huang, et al.		118	725	12 9 88
A	32	4911102		3 27 90	Manabe, et al.		118	719	1 26 88

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Sheet 3 of 11 Attorney Docket No.: NICHIA-00800 Serial No.:09 500288 FORM PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office Applicant: Shuji Nakamura, et al. INFORMATION DISCLOSIVE STATEMENT BY APPLICANT Group Art Unit: Filing Date: February 8, 2000 (37 CFR § 1.98(b)) CP. 4918497 4 17 90 Edmond 357 17 12 14 88 Wil CS. 4929907 330 252 3 8 89 5 29 90 Berkel CT 7 31 90 2.28.89 4944837 156 646 Nishikawa, et al. CU 357 34 10-26/87 4945394 7.31.90 Palmour, et al. CV 4946547 8 7 90 Palmour, et al. 156 643 10/13/89 357 11.3.87 CW 4947218 8 7 90 Edmond, et al. 13 СХ 3/16.89 4959174 9:25.90 252 301.6R Nakajima, et al. 10/11/88 СY 10:2:90 Schaake, et al. 437 82 4960728 СZ 10 30 90 Edmond 437 100 8/28/89 4966862 4/12/89 DA 4971739 11.20.90 Ichinose, et al. 264 61 372 45 10/11/89 DB 4977567 12/11/90 Hanke 12/4/89 DC 363 16 4982314 1 1 91 Miki DD 4985742 1 15.91 357 34 7/7/89 Pankove 372 11/3/89 DE 4987576 1/22/91 Heinen 46 437 11/1/88 DF 4990466 2/5/91 Shieh, et al. 129 4990990 357 30 3/23/88 DG 2:5.91 Albrecht, et al. DH 5005057 4/2/91 Izumiya, et al. 357 17 4/13/90 2/12/90 DΙ 5006908 4/9/91 Matsuoka, et al. 357 17 D.T Edmond, et al. 357 74 12/7/89 5008735 4/16/91 DΚ 362 255 2/14/90 5008789 4:16:91 Arai, et al. DL 313 512 12/4/89 5019746 5/28/91 Merg 357 30 6/15/90 DM 5023686 6/11/91 Helmut, et al. DN 357 17 8/28/89 Edmond 5027168 6:25:91 372 45 11/2/89 DO 5034956 7 23 91 Gessner, et al. DΡ Nakajima, et al. 428 407 12/19/89 5041334 8:20:91 372 4/13/90 45 DQ 5042043 8/20/91 Hatano, et al. DR 357 17 3/21/89 5045896 9/3/91 Ash, et al. 313 486 4/28/89 DS 5049779 9 17 91 Itsuki, et al. DT 10/29/91 Edmond 357 13 9/13/90 5061972 2/5/91 DU 357 5065207 11:12:91 Heinen 30 428 691 12 21-90 5077145 12 31 91 Shinomiya, et al. 250 370.01 3 15 91 _ W 5093576 3 3 92 Edmond, et al. \mathbb{R}^{\times} 5119540 6 9 92 29 25.01 7 24 90 Kong, et al 117 90 DY 428 690 5120619 6 9 92 Nakajima, et al. ::: 5122845 357 17 2 26 90 6 16 92 Manabe, et al. 5128955 7 7 92 372 94 8 18 88 Danielmever

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U.S. Department of Commerce Patent and Trademark Office Attorney Docket No.: NICHIA-00800 Serial No.:09 500288

Applicant: Shuji Nakamura, et al.

INFORMATION DISCEMBERE STATEMENT BY APPLICANT

(37 CFR § 1.98(b)) Filing Date: February 8, 2000 Group Art Unit:

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لالها	EB	5146465	1	9 8 92	Khan, et al.	372	45	2/1/91
1	EC	5155062	$\overline{}$	10 13 92	Coleman	437	100	12 20 90
	ED	5171370		12 15-92	Reithmaier, et al.	118	726	4 18 90
+	EE	5182670	V	1 26 93	Khan, et al.	359	359	8/30/91
1	EF	5184247		2:2 93	Schimpe	359	344	7 17 90
	EG	5185207	V	2 9 93	Furuoka, et al.	428	404	12/27 91
	EH	5200022	1	4/6/93	Kong, et al.	156	612	10/3/90
	ΕĬ	5202777	/	4/13/93	Sluzky, et al.	359	50	4/1/92
	EJ	5205905	1	4 27, 93	Kotaki, et al.	156	662	5/30/91
	EK	5208878	/	5/4/93	Thulke	385	14	10/2/91
	EL	5210051	V.	5/11/93	Carter, Jr.	437	107	6/5/91
1	EM	5218216		6/8/93	Manabe, et al.	257	103	12/20/91
	EN	5229626	×	7-20-93	Ebitani, et al.	257	84	3/27/92
<u> </u>	EO	5233204	V	8/3/93	Fletcher, et al.	257	13	1/10/92
	EP	5239188	<i></i>	8/24/93	Takeuchi, et al.	257	76	11/4/92
	EQ	5247533	✓	9/21/93	Okazaki, et al.	372	45	12/26/91
	ER	5250366	/	10/5/93	Nakajima, et al.	428	690	5/8/92
	ES	5252499		10/12/93	Rothschild	437	22	8/15/88
1	ET	5252839	/	10/12/93	Fouquet	257	13	6/10/92
	EU	5260960	7	11/9/93	Amann, et al.	372	46	4/23/92
	EV	5264713	V	11/23/93	Palmour	257	77	6/14/91
1	EW	5266503	1/	11/30/93	Wang, et al.	437	24	10/2/91
	EX	5270554	1	12/14/93	Palmour	257	77	6/14/91
	EY	5272108	<i></i>	12/21/93	Kozawa	437	127	2/26/92
	EZ	5278433	V	1/11/94	Manabe, et al.	257	103	8/7/92
	FA	5281830	\checkmark	1/25.94	Kotaki, et al.	257	86	10/24/91
	FB	5290393		3/1/94	Nakamura	156	613	1/28/92
	FC	5306662	V	4/26/94	Nakamura, et al.	437	107	11/2/92
	FD	5312560	✓	5/17/94	Somatomo, et al.	252	301.4 S	3/18/93
	FE	5323022		6 21 94	Glass, et al.	257	77	9/10/92
	FF	5330791		7 19 94	Aihara, et al.	427	215	4 16.93
	FG	5334277		8 2 94	Nakamura	117	102	10 22 91
	FH	5336080	$\overline{}$	8 9 94	Sumitomo, et al.	428	407	12 17/92
	FI	5338944	√	8 16 94	Edmond, et al	257	76	9 22 93
	FJ	5341390	V	8 23 94	Yamada, et al.	372	45	4 15 93
1/	FF	5343316	1	8 30 94	Monmoto, et al	359	50	6 29 93

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INFORMATION DISCLOSURE ST CFR § 1.98(b)	E SEXTEMENT BY	nd Trademark Office	Attorney Docket No.: NICHIA-00 Applicant: Shuji Nakamura, et al.	Scriat No.	09 500288
FM 5359345 FN 5363390 FC 5366834 FP 5369289 FQ 5376303 FR 5376580 FS 5381103 FT 5382822 FU 5389571 FV 5390210 FW 5393993 FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5465249 GL 5467291 GM 5468678 GM 5475241 GO 5497012 GP 5502316 GQ 5506421 GP 5511084	ý ^v		Filing Date: February 8, 2000	Group Art	Unit:
FM 5359345 FN 5363390 FC 5366834 FP 5369289 FQ 5376303 FR 5376580 FS 5381103 FT 5382822 FU 5389571 FV 5390210 FW 5393993 FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5465249 GL 5467291 GM 5468678 GM 5475241 GO 5497012 GP 5502316 GQ 5506421 GP 5511084	9 6 94	Huang	437	126	8/14/92
FC 5366834 FP 5369289 FQ 5376303 FR 5376580 FS 5381103 FT 5382822 FU 5389571 FV 5390210 FW 5393993 FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GQ 5511084	10 25 94	Hunter	345	102	8/5/92
FP 5369289 FQ 5376303 FR 5376580 FS 5381103 FT 5382822 FU 5389571 FV 5390210 FW 5393993 FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GP 5511084	11 8 94	Yang, et al.	372	22	11/22/93
FQ 5376303 FR 5376580 FS 5381103 FT 5382822 FU 5389571 FV 5390210 FW 5393993 FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 545249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GP 5511084	11/22/94	Yoneda, et al.	430	23	5/5/93
FR 5376580 FS 5381103 FT 5382822 FU 5389571 FV 5390210 FW 5393993 FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GP 5511084	11/29/94	Tamaki, et al.	257	99	10/30/92
FS 5381103 V FT 5382822 V FU 5389571 V FV 5390210 V FW 5393993 V FX 5394005 V FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GG 5417886 GF 5433533 V GF 5433533 V GF 5433533 V GF 5433598 V GH 5435938 V GH 5435938 V GH 5465249 GL 5467291 V GK 5465249 GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 GP 5501084 V	12/27/94	Royce, et al.	252	301.4 R	1/10/94
FT 5382822 V FU 5389571 V FV 5390210 V FW 5393993 V FX 5394005 V FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GG 5433533 V GF 5433533 V GF 5433533 V GF 5433533 V GF 5434888 V GH 5435938 V GI 5438198 V GI 5465249 GI 5467291 V GK 5465249 GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 GP 5501084 V	/ 12/27/94	Kish, et al.	437	127	3/19/93
FU 5389571 V FV 5390210 V FW 5393993 V FX 5394005 V FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 V GF 5433533 V GF 5433533 V GF 543888 V GH 5435938 V GI 5438198 V GJ 5459107 V GK 5465249 GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 GP 5501084 V	1/10/95	Edmond, et al.	324	753	10/13/92
FV 5390210 FW 5393993 FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5500421 GP 5511084	1/17/95	Stein	257	410	9/27/93
FW 5393993 FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GQ 5511084	2/14/95	Takeuchi, et al.	437	133	4/16/93
FX 5394005 FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5500421 GP 5511084	2/14/95	Fouquet, et al.	372	92	11/22/93
FY 5403774 FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5506421 GP 5511084	2/28/95	Edmond, et al.	257	77	12/13/93
FZ 5404282 GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5506421 GP 5511084	2/28/95	Brown, et al.	257	461	2/18/94
GA 5408120 GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5506421 GP 5511084	4/4/95	Shieh, et al.	437	129	11/6/92
GB 5409859 GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GQ 5511084	4/4/95	Klinke, et al.	362	249	8/19/94
GC 5416342 GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GP 5511084	4/18/95	Manabe, et al.	257	431	1/22/93
GD 5417886 GE 5433169 GF 5433533 GG 5433888 GH 5435938 GI 5438198 GJ 5459107 GK 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GQ 5511084	4/25/95	Glass, et al.	437	187	4/22/94
GE 5433169 V GF 5433533 V GG 5433888 V GH 5435938 V GI 5438198 V GJ 5459107 V GK 5465249 V GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 GP 5506421 V	5/16/95	Edmond, et al.	257	76	6/23/93
GF 5433533	5/23/95	Tateiwa, et al.	252	301.4 R	9/20/93
GG 5433888 V GH 5435938 V GI 5435938 V GI 5438198 V GJ 5459107 V GK 5465249 V GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 GP 5506421 V	7/18/95	Nakamura	117	102	4/6/94
GH 5435938 V GI 5438198 V GJ 5438198 V GJ 5459107 V GK 5465249 V GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 G GP 5506421 V	7/18/95	Imazaike	384	488	12/20/93
GI 5438198 V GJ 5438198 V GJ 5459107 V GK 5465249 V GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 GP 5506421 V GP 5511084 V	7/18/95	Okada, et al.	252	301.4 R	9/20/93
GJ 5459107 V GK 5465249 V GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 G GP 5506421 V	7/25/95	Bando, et al.	252	301.4 S	3/10/94
GR 5465249 GL 5467291 GM 5468678 GN 5475241 GO 5497012 GP 5502316 GQ 5506421 GP 5511084	8/1/95	Ebitani, et al.	250	330	5/3/94
GL 5467291 V GM 5468678 V GN 5475241 V GO 5497012 V GP 5502316 C GQ 5506421 V GP 5511084 V	10/17/95	Palmour	437	238	6/5/92
GM 5468678 GN 5475241 GO 5497012 GP 5502316 GQ 55906421 GP 5511084 V	11/7/95	Cooper, Jr. et al.	365	149	11/26/91
GN 5475241 V GO 5497012 V GP 5502316 GP 5506421 GP 5511084 V	11/14/95	Fan, et al.	364	578	12/5/91
GO 5497012 V GP 5502316 C GP 5506421 C GP 5511084 V	11/21/95	Nakamura, et al.	437	107	1/12/94
GP 5502316 (GP 5511084 V	12/12/95	Harrah, et al.	257	99	10/27/93
GP 5511084 V	3/5/96	Moll	257	183	6/15/94
GP 5511084 V	3 26 96	Kish, et al.	257	94	10/12/95
	4 9 96	Palmour	257	77	11/24/92
GS 551.1627	4 23 96	Amann	372	20	1/17/95
	5 7 96	Lowery, et al.	437	209	1/24/94
GT 5523018 V	6.4.96	Okada, et al.	252	301.4 P	3/23/95
GU 5523589 V	6 4 96	Edmond, et al.	257	77	9 20 94

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IN 7 CFR § 1		ON DISCLOSU	KE ST	ATEMENT BY A	APPLICANT	Filing Date: Febru		Group Art I	Unit:
WX	g∵	5539217	1	7 23 96	Edmond, et al.		257	77	8 9 93
1	GW.	5563422	7.	10 8 96	Nakamura, et al.		257	13	4 28 94
	GX	5578839		11 26 96	Nakamura, et al.	OPE	257	96	11/17/93
	GY	5583879	V	12 10 96	Yamazaki, et al.	*	372	45	4/19/95
	GE	5585648	/,	12 17 96	Tischler	MAY 2 2 2000	257	77	2 3 95
	НА	5587593		12 24 96	Koide, et al.	MAY 2 2 2000	257	94	4 19 95
	НВ	5592501	<i>7</i> .	1 7 97	Edmond, et al.	E	372	45	9/20/94
	нс	5592578		1 7.97	Ruh	RADE	385	31	11/1/95
	HD	5596595	V	1 21 97	Tan, et al.		372	96	6/8:95
	HE	5604135	V	2:18:97	Edmond, et al.		437	22	8/12/94
1-	HF	5604763	$\sqrt{}$	2/18/97	Kato, et al.		372	45	4/19/95
	HG	5612260	7	3/18/97	Palmour		437	238	12/9/94
	нн	5614736		3-25-97	Neumann, et al.		257	102	9/25/95
	ні	5616177	/	4/1/97	Yamada		117	102	2/22/95
	нј	5620557		4/15/97	Manabe, et al.		438	507	6/26/95
	нк	5621749	./	4.15.97	Baney		372	69	9/6/95
	HL	5625202	V	4/29/97	Chai		257	94	6.8.95
	НМ	5627244	7	5/6/97	Sato		526	92	4/26/95
	ни	5629531		5/13/97	Palmour		257	77	12/9/94
	но	5631190		5/20/97	Negley		438	33	10/7/94
	HP	5635146	V	6/3/97	Singh, et al.	,_, ,_	423	65	11/30/95
	НQ	5642375	/	6/24/97	King, et al.		372	97	10/26/95
	HR	5650641	V	7/22.97	Sassa, et al.		257	88	8/31/95
	HS	5652434		7-29-97	Nakamura, et al.		257	13	6/17/96
	нт	5652438	V	7:29/97	Sassa, et al.		257	94	7/19/95
	HU	5656832	$\sqrt{}$	8/12/97	Ohba, et al.		257	190	3/8/95
	HV	5659568	/	8 19 97	Wang, et al.	_	372	96	5/23/95
	HW	5661074	$\sqrt{}$	8-26-97	Tischler		438	32	5/24/95
	HX	5661316	V,	8/26-97	Kish, Jr., et al.		257	190	9/20/96
	HY	5661742		8/26/97	Huang, et al.		372	46	5/22/96
	HZ	5670798	V ,	9 23 97	Schetzina		257	96	3 29 95
	IA	5679153	$\sqrt{}$	10 21 97	Dmitney, et al.		117	106	11 30 94
	IB	5684623	$_{I}$	11.4 97	King, et al.		359	346	11-21:96
	10	5686737	√,	11 11 97	Allen		257	77	9 16 94
	::	5700713	√,	12 23 97	Yamazaki, et al		437	129	3 20 95
V	IE	5707139	$\sqrt{}$	1 13 98	Haitz		362	231	11 1 95
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7 CFR § 1.		RADE	MARIE			Filing Date: Februa	ary 8, 2000	Group Art U	'nit:
	IF	5718760	./	2 17 98	Carter, et al.		117	84	2.5.96
<u> </u>	IG	5719409		2 17 98	Singh, et al.		257	77	6 6/96
	IH	5724062		3 3 98	Hunter		345	102	9 21 94
-	II	5724373	1/	3.3.98	Chang /	TO E JOS	372	20	11/15/96
	IJ	5724376	1/	3.3'98	Kish, Jr., et al.	om in	372	96	11/30/95
-	IK	5727014		3 10 98	Wang, et al.	MM 5 5000 mg	372	96	10.31/95
	IL	5729029	:/	3 17 98	Rudaz	Mr.	257	13	9 6 96
	IM	5729567	X	3/17/98	Nakagawa	Te IBADEMAN	372	99	4/25/96
_ -	IN	5733796	,/	3/31/98	Manabe, et al.		437	127	11/9/95
+	IO	5734182	TV I	3 31/98	Nakamura, et al.		257	96	6/10/96
	IP	5739552	:/	4 14 98	Kimura, et al.		257	89	10/24/95
+-	IQ	5739554	./	4/14/98	Edmond, et al.		257	103	5/8/95
	IR	5741431	\ <u>\</u>	4/21/98	Shih		216	65	5/15/97
	IS	5741724		4/21/98	Ramdani, et al.		437	128	12/27/96
-	IT	5742133	1/	4′21′98	Wilhelm, et al.		315	291	9:9:96
1	IU	5747832	1/	5/5/98	Nakamura, et al.		257	103	6/10/96
	IV	5753939	 	5/19/98	Sassa, et al.		257	94	3/7/97
	IW	5758951		6/2/98	Haitz		362	259	6/27/97
	ix	5761229	V	6/2/98	Baldwin, et al.	-	372	31	1/25/96
	IY	5767581		6/16/98	Nakamura, et al.		257	749	6/17/96
	ΙZ	5771254		6/23/98	Baldwin, et al.		372	31	6/3/96
+	JA	5776837	/	7/7/98	Palmour		438	767	11/19/96
<u> </u>	JВ	5777350	/	7:7:98	Nakamura, et al.	All and	257	96	11/30/95
+-	JC	5777433	/	7/7/98	Lester, et al.		313	512	7/11/96
	JD	5779924	V.	7/14/98	Krames, et al.		216	24	3/22/96
	JE	5780120		7:14/98	Belouet, et al.		427	554	12/18/96
1	JF	5785404		7/28/98	Wiese		362	32	6/29/95
	JG	5793054	/	8/11/98	Nido		257	18	6/13/96
	JН	5793062	V.	8/11/98	Kish, Jr., et al.		257	98	10/24/97
	JI	5805624	V	9 8 98	Yang, et al.		372	45	7/30/96
	33	5808323		9 15 98	Spaeth, et al.		257	88	3 29 96
	JE	5808592	V	9 15 98	Mizutani, et al		345	83	4-21-95
	31.	5809050	V	9 15 98	Baldwin, et al.		372	43	1 25 96
1	.m.	5811319	V	9 22 98	Korke, et al.		438	46	3 26 96
1	211	5811931	/	9 22 98	Mueller-Mach, et al		313	512	3 4 96
$\overline{\mathbf{V}}^-$	30	5812105		9 22 98	Van De Ven		345	83	6 10 96
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37 CFR \$ 1.9		RADE	AAL			Filing Date: Februa	ry 8, 2000	Group Art U	init:
WZV	JP	5812570	V	9 22 98	Spaeth		372	36	9 30-96
ا	32	5814870		9 29 98	Spaeth		257	433	1 6/97
	JP.	5818861		10 6 98	Tan, et al.		372	46	7.19:96
	JS	5828684	V	10 27 98	Van De Walle		372	45	12.29/95
	JT	5831288	V	11 3 98	Singh, et al.		257	77	9 29 97
	30	5835514	V.	11 10 98	Yuen, et al.		372	36	1/25/96
	JV	5835522		11 10 98	King, et al.	**	372	97	11 19/96
	JW	5837561	V	11 17 98	Kish, Jr., et al.		438	47	5/23/97
	JX	5838706	V,	11/17/98	Edmond, et al.		372	45	11/19/96
	JY	5838707		11/17/98	Ramdani, et al.		372	45	12/27/96
	JZ	5838708	1	11/17/98	Lin, et al.		372	50	8/1/95
	KA	5846844		12/8/98	Akasaki, et al.		437	21	2/7/96
	KB	5847507		12 8 98	Butterworth, et al.		313	512	7/14/97
	KC	5850410		12/15/98	Kuramata		372	43	3/18/96
	KD	5855924	V	1/5/99	Lumbard		425	116	12/27/95
•	KE	5858277		1/12/99	Chau, et al.		252	301.4 F	12/23/92
	KF	5859496		1/12/99	Murazaki, et al.		313	485	5/10/96
	KG	5861190		1/19/99	Greene, et al.		427	248.1	3/25/96
	КН	5861713	1	1/19/99	Kondo, et al.		313	495	6/26/97
	KI	5862167	1	1/19/99	Sassa, et al.		372	45	5/27/97
	KJ	5867516	1/	2/2/99	Corzine, et al.		372	45	3/12/96
	KK	5868837		2 9499	Disalvo, et al.		117	952	1/13/98
	KL	5877558	V	3/2/99	Nakamura, et al.		257	749	12/19/97
1	KM	5879587	V	3 9 99	Yale		252	301.45	9/24/97
	KN	5879588		3 '9 '99	Yale		252	301.45	9/24/97
	ко	5880486		3/9/99	Nakamura, et al.		257	96	8/30/96
	KP	5889802		3 30 99	Walker		372	31	3/27/97
	KQ	5889806	·/	3′30/99	Nagai, et al.		372	45	8/8/97
	KR	5892784	7	4/6/99	Tan, et al.		372	43	10/27/94
	K.S.	5892787		4 6 99	Tan, et al.	-	372	96	4/22/96
	ET	5900650	/	5 4 99	Nitta		257	94	7/2/97
	FU	5905276	<i>\'</i>	5 18 99	Manabe, et al.		257	103	11 6 97
	EV	5907151		5 25 99	Gramann, et al.		250	214.1	5 27 97
	FW	5912477		6 15 99	Negley		257	95	5 20 97
- +,-	FX.	5917202		6 29 99	Haitz, et al.		257	98	12 21 95
$- \forall$	FY	5919422		- 6 99	Yamanaka, et al.		422	121	7 26 96

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°CFR § 1		RACEMARK			Filing Date: February 8, 2000	Group Art U	nit:
	F.C	5920766	7 6 99	Flovd	438	35	1 7 98
WX	LA	5923053	7.13.99	Jakowetz, et al.	257	95	9/30/96
+	LB	5923118	6 13 99	Jennato, et al.	313	485	3.7 97
-	LC	5923690	7 13 99	Kume, et al.	372	46	1 24/97
+	LD	5923946	7 13 99	Negley	438	4	4:17:97
	LE	5925898	7/20/99	Spath	257	98	1/26/98
	LF	5927995 IX	7/27/99	Chen, et al.	438	517	4/9/97
-	LG	5935705	8/10/99	Chen, et al.	428	367	10:15:97
-	LH	5936985	8/10/99	Yamamoto, et al.	372	38	9/13/95
-	LI	5945689	8/31/99	Koike, et al.	257	88	3/18/96
_	LJ	5953361	9 14/99	Borchert, et al.	372	96	11/25/97
	LK.	5953581	9:14:99	Yamasaki, et al.	438	22	4/17/97
	LL	5958295	9/28/99	Yale	252	301.4 S	9/24/97
	LM	5959316	9/28/99	Lowery	257	98	9/1/98
	LN	5959401	9/28/99	Asami, et al.	313	503	5/21/97
	LO	5961723	10/5/99	Roithner, et al.	118	715	11/26/96
	LP	5964943	10/12/99	Stein, et al.	117	88	6/25/97
	LQ	5966393	10/12/99	Hide, et al.	372	23	2/4/97
1	LR	5968265	10/19/99	Stein, et al.	117	71	1/27/98
	LS	5969378	10/19/99	Singh	257	77	7/10/97
	LT	5972781	10/26/99	Wegleiter, et al.	438	460	9/30/97
	LU	5972801	10/26/99	Lipkin, et al.	438	770	11/8/95
	LV	5973336	10/26/99	Hanke, et al.	257	94	11/3/97
	LW	5980631	11/9/99	Tews, et al.	117	89	12/17/97
	LX	5981945	11:9:99	Spaeth, et al.	250	239	3/8/96
-+	LY	5981979	11 9 99	Brunner	257	99	11/26/97
-	LZ	5982970 V	11/9/99	Schneider	385	125	9/19/97
	MA	5986317	11/16/99	Wiese	257	433	9/29/95
	MB	5991160	11/23/99	Lumbard	361	760	12/27/95
-	MC	5994722	11:30:99	Averbeck, et al.	257	89	6′30.98
 	мо	5998925	12.7/99	Shimizu, et al.	313	503	7/29.97
\forall	ME	5999552	12 7 99	Bogner, et al.	372	43	1 20 98
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11	MH	EP0356059A2 V	2 28 90	EP	HOII.	21 38	
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1	MJ	EP0380340A2	8 1 90	EP /	OLDE	HOIL	29.91
	MK	EP0380340A3	8 1 90	EP	70	HOLL	29 91
	ML	EP0637069A1	2 1 95	EP CP	MAY 2 2 2000	HOIL	21/473
	MM	EP0731512A2	9 11 96	EP EP	. B	HO1L	33.00
İ	MN	EP0731512A3	7 2 97	EP	PADEMARK D	HOTE.	33/00
	мо	EP0781619A1	7-2.97	EP		B23H	7/02
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1	MQ	EP0871208A3	12/16/98	EP		H011.	21/20
	MR	EP0880181A2	11/25/98	EP		HO1L	29/45
1	MS	EP0880181A3	1/20/99	EP		H01L	29/45
	MT	EP0905799A2	3/31/99	EP		HO1L	33/00
	MU	EP0936682A1	8/18/99	EP		HOIL	33/00
1	MV	FR2613136	9/30/88	FR		HO1L	33/00
	MW	GB2322737A	3/2/98	GB		HO1L	21/304
+	MX	GB2323210A	9.16.98	GB		HOIL	33/00
†	MY	JP05152609	6/18/93	JP		HO1L	33/00
1	MZ	JP0766192	3/10/95	JP		HO1L	29/78
†	NA	JP09193137	7 29 97	JP		B28D	5 044
<u> </u>	NB	JP10233529	2:14:97	JP		HOIL	33/00
	NC	JP1064854	7.18/96	JP		HOIL	21/301
	ND	JP7176794	7 14/95	JP		HOIL	33/00
	NE	WO9702478A1	1/23/97	PCT		G01M	19:00
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1	NG	WO9717730A1	5/15/97	PCT		HOII.	29/24
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1	NI	WO9739485A1 X	10/23/97	PCT		HOIL	2706
 	NJ	WO9750132A1	12/31/97	PCT		HOII.	33/00
	NK	WO9805078A1	2/5/98	PCT		HOII.	33/00
 	NL	WO9812757A1	3/26/98	PCT		HOLL	33 '00
	NM	WO9834304A1	8 6 98	PCT		HOIS	3 025
	NN	WO9837586A1	8 27 98	PCT		HOH.	33 00
	1:0	WO9842879A1	10 1 98	PCT		C21C	5.35
-	NF	WO9842897A1	10 1 98	PCT		C30B	25 12
 	13.5	WO9847185A1	10 22 98	PCT		HOH.	33 (H)
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1	NFORMAT	10. 4.5 BICHOOKBE S	TATEMENT BY API	PLICANT	Applicant: Shuji Nakamura et al.				
(Use Several Sheets If Necessary) (37 CFR § 1.98(b))					Filing Date: February 8, 000		Group Art Unit:		
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		Document	Publication Date		Patent Office		Subclass	Translation	
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